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ARTICLE FOR PREVENTING FECES FROM  
ADHERING TO THE BUTTOCKS AND ITS METHOD OF USE

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[There are no amendments to this patent.]

### Claims

1. An article for preventing feces from adhering to the buttocks which is constituted of rectangular sheet (1) made of either a plant fiber, synthetic fiber, chitosan, collagen, or moisture permeable polyethylene having an elliptic hole in the center and an adhesive made of either white vaseline, purified vaseline, hydrophilic vaseline, water absorbent ointment, hydrophilic ointment, white ointment, O/W type or W/O type cream.

2. A method of using the article in Claim 1 in which the adhesive is applied on the buttocks around the anus, sheet (1) is adhered at the hips so that the center of the elliptic hole is positioned at the anus, then a conventional cloth or paper diaper is mounted.

3. A method of using the article in Claims 1 and 2 in which one end of sheet (1) has been mounted to the back part of paper diaper (3).

### Industrial Application Field

#### Field of industrial use

The present invention relates to preventing feces from adhering to the buttocks while wearing a diaper.

## Conventional technology

Whether it be the conventional diaper made of cloth or the presently popularized paper diaper, a means to prevent feces from adhering to the buttocks has not been devised.

## Problems to be solved by the invention

The present invention aims to reduce the discomfort caused by the feces adhering to the buttocks of the diaper wearer, to prevent the unfavorable effect on the skin caused by microorganisms and egesta, and to reduce the discomfort during its handling so that the person changing the diaper can take care of the feces easily.

## Means to solve the problems

The constitution of the present invention is composed of a rectangular sheet with an elliptic hole in the center and an adhesive for adhering it to the buttocks as shown in Figure 1. The material of the sheet is either planr fiber, synthetic fiber, chitosan, collagen, or moisture permeable polyethylene. In the case of a hydrophilic material, favorable effect is manifested when waterproofing processing is applied.

The adhesive is made of either white vaseline, purified vaseline, hydrophilic vaseline, water absorbent ointment, hydrophilic ointment, white ointment, O/W type or W/O type cream. Also, favorable result is manifested when a skin quenching agent and a disinfectant are added. The use method is to apply the

adhesive on the buttocks around the anus. Next, the sheet is adhered to the buttocks so that the center of the elliptical hole at the center part of the sheet is positioned at the anus. Then, a conventional cloth or paper diaper is mounted by the normal method.

By the above, it is possible to prevent feces from adhering directly to the buttocks since the feces is excreted between the sheet and the diaper.

### Function

Since the sheet is adhered to the hips with an adhesive, it prevents the feces from adhering to the skin. In addition to adhering the sheet to the hips, the adhesive prevents moisture, microorganisms, and egesta excreted from the feces from penetrating through the sheet and adhering to the skin.

Also, removal of the small amount of waste that is adhered to the skin is made easy.

### Application Example 1

The sheet is a paper processed with waterproofing and it is in a rectangular shape as shown in Figure 1. The long side is 25 cm and the short side is 15 cm. There is an elliptical hole with short diameter of 2 cm and long diameter of 6 cm at its center part. The adhesive is a white vaseline. The use method is to apply the adhesive concentrating around the anus.

sheet is adhered so that the center of the elliptic hole in the sheet is positioned at the anus. Next, a paper diaper conventionally marketed is mounted.

#### Application Example 2

It is made of structure (4) in which one end of the sheet (1) is mounted at the back side of the diaper as shown in Figure apply the adhesive made of white vaseline around the anus and the sheet is adhered to the buttocks so that the center of the hole in the sheet is positioned at the anus. Next, the paper diaper is mounted.

#### Results of the invention

Being able to prevent feces from becoming adhered to the buttocks which was not possible in the conventional cloth and paper diapers has become possible with said invention. By this, the discomfort felt by the wearer from the feces adhering to the skin is prevented and damage to the skin caused by the microorganisms and harmful matters contained in the feces are prevented. Also, for the person changing the diaper, handling of the feces becomes easy and the discomfort during the diaper change can be decreased.

Brief explanation of the figures

Figure 1 is a flat figure of the sheet for preventing the feces from adhering to the buttocks and Figure 2 is a perspective view showing the applied mode when the sheet is mounted to the paper diaper.

(1)...sheet, (2)...elliptic hole, (3)...paper diaper,  
(4)...the part for mounting the sheet to the paper diaper.

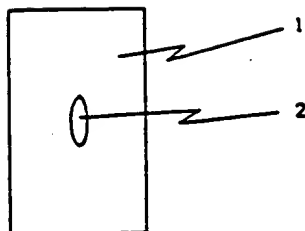


Figure 1

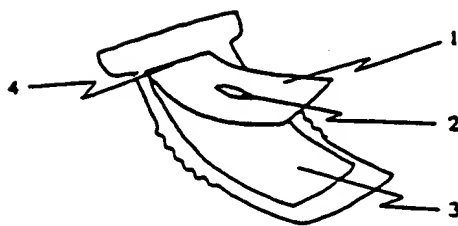


Figure 2